

## Abstract

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Title of Thesis:	Tonicity adjustment of aqueous solutions of drugs. Naphazoline nitrate. Olopatadine hydrochloride.

Aqueous solutions of drugs used for the application onto the cornea or the nasal mucosa should be isotonic. When adjusting the osmotic pressure, freezing point depression method is the mostly used. This experimental thesis was focused on the measurement of density, osmolality and freezing point depression of solutions of naphazoline nitrate and/or olopatadine hydrochloride. Results were used to estimate the osmotic pressure of the solutions and molal osmotic coefficient. A goal was to set freezing point depression data for completion a Table VIII of the Czech Pharmacopoeia.